Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. First & Part Bill — Date:

Division EE (Yalahanka-Project) — Sub-Division AEE (Yalahanka-Project)

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No.

Name of Work (as per sanctioned estimate);- Improvements to roads and Drains at Balaji Layout(from 11th Cross to central excise Layout) and in Basavalingappa Layout at Police Quarters entrance road in Ward No:05

Reference to Agreement No. EE/Project/Ag.No/ 71/2017-18 Dated: 10/10/2017

Work order No .EE/Project/Ynk Zone/W O/ 71 /2017-18 Dated: 10/10/2017

Job Code: 005-17-000058 Budget head: Est. cost: 70 lakhs

Name of Contractor and Full Address: M/s KRIDL

Certified that the measurements were taken by me on 27/06/18 and recorded of Pages 82043 to 82054 of measurement Book No: 16/17-18 821 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Assistant Executive Engineer Byatarayanapura Sub-Division KRIDL, BBMP, Bangalore

Certified that the measurements were verified by me on 27/06/2018 and found correct.

The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1)	Total value of work done or supplies made as per account with in	Total Rs. 64,11,727-00
2)	Deduct amount to be held in reserve being.....percent Rs.....	
3)	" Balance	
4)	Deduct Payments :	
	a) Amount of previous payment as in the Office cash Book Voucher No.....Dated.....S.D. No.....	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
	Now made recovery of amount creditable to this/other work	
	Amount paid on this bill Cheque/Cash	
5)	Balance being unpaid value of work done held in reserve	
6)	Deduct cash advance made on the Office Cash Book Voucher No.....dated.....less adjustments	
7)	Net amount due to or from contractor	
	Unadjusted items	

IT - 128235-00
Cess - 64117-00
CBF - 6411-00
LR - 68605-00
FSD - 320586-00
Adju - 5,87,954-00
Cheque 58,23,773-00

tor for materials brought to site (as detailed) within

Contractor's Signature

Received Rs..... (In words)

.....

By Cash and by adjustment of Payment as per memorandum

Witnesses:

Audited & Admitted for Rs. (For use in the Office)

Rs: 64,11,727-00

Assistant Executive Engineer Byatarayanapura Sub-Division KRIDL, BBMP, Bangalore

1.

2.

Dated..... Signature of Contractor

Stamp

Rs: 58,23,773-00 by Cheque

and Rs. 5,87,954-00 by Adjustment

Paid by me by cheque

No.....Dated.....

Cash Rs.....Dated.....

Accts. Supdt. Project Division B.B.M.P. 17/9

Exe. Engineer Project Division B.B.M.P 17/9

Initials of Officer making payment

11/09

Executive Engineer

Item No.	Description	Unit	Estimated Quantity	Previous Measurement Bill		Present Measurement Bill			Total Quantity UP-to-date	
				Qty	Cost	Qty	Rate Rs	Cost	Qty.	Cost
1	Removing and resetting of foot path slab in cm 1:3 (Page No.265, Item No.37.56)	Sqm	444.00			444.00	135.00	59940.00	444.00	59940.00
2	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specificatioMORTH Chapte(P-142, It.-19.2)	Cum	1227.96			1227.96	119.78	147085.05	1227.96	147085.05
3	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (P-130, It.No. 17.1)	Cum	1227.96			1227.96	93.92	115330- 115325.09	1227.96	115330- 115325.09
4	KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murrum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory roller)MORTH Specification No. 305(P-148, It,-19.62)	Cum	654.48			654.48	320.12	209512.14	654.48	209512.14
5	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P-158, It.No. 20.18)	Cum	872.64			872.64	1768.08	1542897.33	872.64	1542897.33
6	KSRRB 500-1. Cleaning the existing WBM road surface including removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or compressed air, to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 (P-161 IT NO 21.1)	SQM	4363.20			4363.20	13.78	60124.90	4363.20	60124.90

7	KSRRB 500-3. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501(P-161 IT NO 21.2)	SQM	4331.90			4331.90	3.18	13426.64	4331.90	13426.64
8	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.MORTH Specification No. 502 PAGE161 IT NO 21.6	Sqm	8285.60			8285.60	27.56	228351.14	8285.60	228351.14
9	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH Chapter 5PAGE162 IT NO 21.11.2	Cum	41.42			41.42	5624.36	232961- ~~232983.49~~	41.42	232961- ~~232983.49~~
10	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 to 5.6% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications PAGE165IT NO 21.23.2	Cum	312.94			312.93	8640.06	2703734- ~~2703768.54~~	312.93	2703734- ~~2703768.54~~

11	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803PAGE185IT NO 24.15	SQM	519.00			400.05	542.72	217115.14	400.05	217115.14
12	Removing B.S.Slab of drain & stacking as per specification (P-25 It.5.32)	Sqm	314.42			314.42	65.72	20663.35	314.42	20663.35
13	Refixing stone slabs of drains and pointing in C.M (1:3) as per specifications. (P-25, It. 5.33)	Sqm	314.42			314.42	80.56	25329.27	314.42	25329.27
14	Providing 7.5cm thick granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. (P-25, It. 5.31.1)	Sqm	55.49			55.49	665.68	36939- ~~36935.25~~	55.49	36939- ~~36935.25~~
15	Providing and fixing 10 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcopacted cost of all materials labour curing complete as per specification (Data Rate Approved)	Sqm	63.00			63.00	2100.00	132300.00	63.00	132300.00
16	KSRB 2-2.2Earth work excavation for foundation of building water supply sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in Ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications.(P-5, It,-2.4)	Cum	79.60			31.40	299.98	9419.37	31.40	9419.37
17	KSRB 4-1.1: Providing and laying in position plain cement concrete of nominal mix 1:3:6 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Specification No. KBS 4.1, 4.2 (P-12, It.4.2)	Cum	4.41			4.15	5348.76	22197.35	4.15	22197.35

18	KSRB 5.2-3.Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6 stone hammered dressed in courses not less than 20 cms high, bond stones at two m, apart in each course including cost of materials, labour, curing complete as per specifications. (P-25, It5.6)	Cum	5.60			5.60	4438.22	24854.03	5.60	24854.03
19	KSRB 6-1.3 : Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 35 with cement mortar 1:6 including cost of materials, labour charges, scaffolding, curing complete as per specifications.Specification No. KBS 6.3 PNO 28 it no 6.13	Cum	2.80			2.80	6141.64	17196.59	2.80	17196.59
20	KSRB 4-1.6:Providing and laying in position plain cement concrete of mix M15 with cement @240kgs with 20mm and down size graded granite metal, coarse aggregate @0.878cum and fine aggregate @0..459 cummachine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (P-12, It.4.6)	Cum	2.10			2.10	5767.46	12111.67	2.10	12111.67
21	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - - 300mm dia PNO 252 it no 37.7.3	RMT	10.00			0.00	1174.48	0.00	0.00	0.00
22	Providing and laying reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - - 900mm diaPNO 252 it no 37.7.7	RMT	60.00			0.00	3852.04	0.00	0.00	0.00

23	KSRB 4.2.2:Providing andlaying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs, with 20mm and down size graded granite metal coarse aggregates @0.878 cum and fine aggregates @ 0.459 cum, with superplastisiser @ 3lts confirming to IS 9103-1999 Reaffirmed -2008, machine mixed, concrete laid in layres not exceeding 15 cms, thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase,lintles, retaining walls, return walls, walls (any thickness) includng attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills fillets etc, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No.KBS 4.1, 4.6 (P-13, It.4.11)	Cum	10.50			4.86	6371.66	30966.27	4.86	30966.27
24	KSRB 4.9-2:Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification NO.KBS 4.6.3 (P-17, It.4.46.2)fe 500	ton	0.53			0.26	62425.21	16231- 16041.53	0.26	16231- 16041.53
25	KSRB 4-6.4:Providing and removing centering, shuttering, strutting, propping etc, and removal of form work for vertical surface such as walls at any thickness, including attached plasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P-17 It.4.31)	Sqm	27.30			11.70	310.58	3633.79	11.70	3633.79
Total Amount						5882318-		5882177.00		5882177.00
9% KRIDL						529409-		529396.00		529396.00
Grand Total								6411573.00		6411573.00

Rs. 64,11,727-00